

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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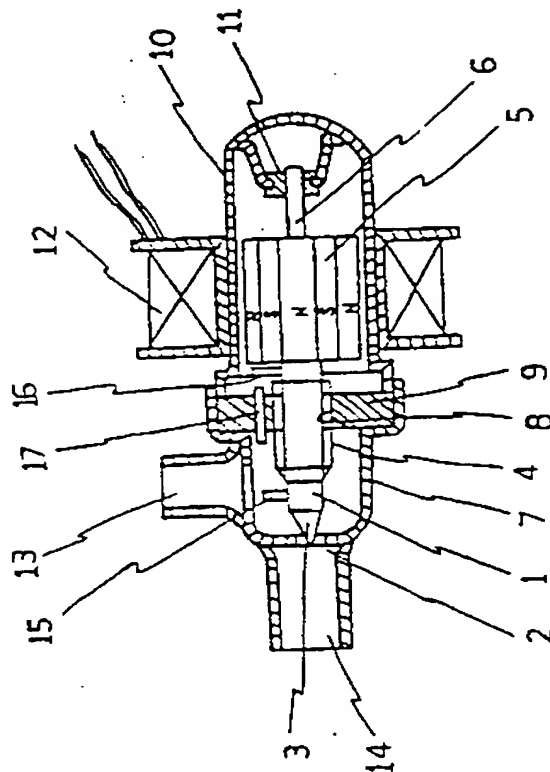
APPLICATION DATE : 26-09-83  
APPLICATION NUMBER : 58178862

APPLICANT : TAIHEIYO KOGYO KK;

INVENTOR : TAKAMI OSAMU;

INT.CL. : F16K 31/04

TITLE : ADJUSTING METHOD OF VALVE  
SHAFT STOPPING POSITION OF  
MOTOR VALVE



ABSTRACT : PURPOSE: To reduce the noise to be produced through striking of a stopper pin and stopper by rotary adjusting the stator coil to the position for minimizing the striking noise on the case.

CONSTITUTION: The stator coil 12 is made rotatable then a drive pulse for rotating the rotor 5 unilaterally is provided to strike the stopper pin 15 or 16 and the stopper against said coil 12. Under this state said coil 12 is rotary adjusted to the position for minimizing the striking noise on the case 10 thereafter said coil is fixed through adhesive to the case 10. The adjusting range may be more than half of the step angle of pulse motor around random referential position of said coil 12.

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